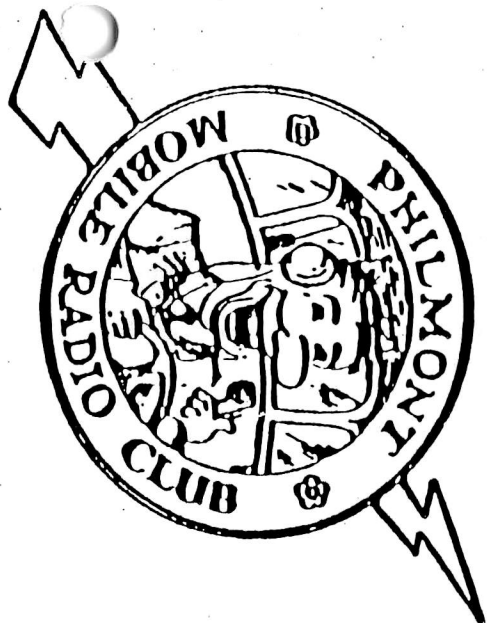


FIRST CLASS MAIL

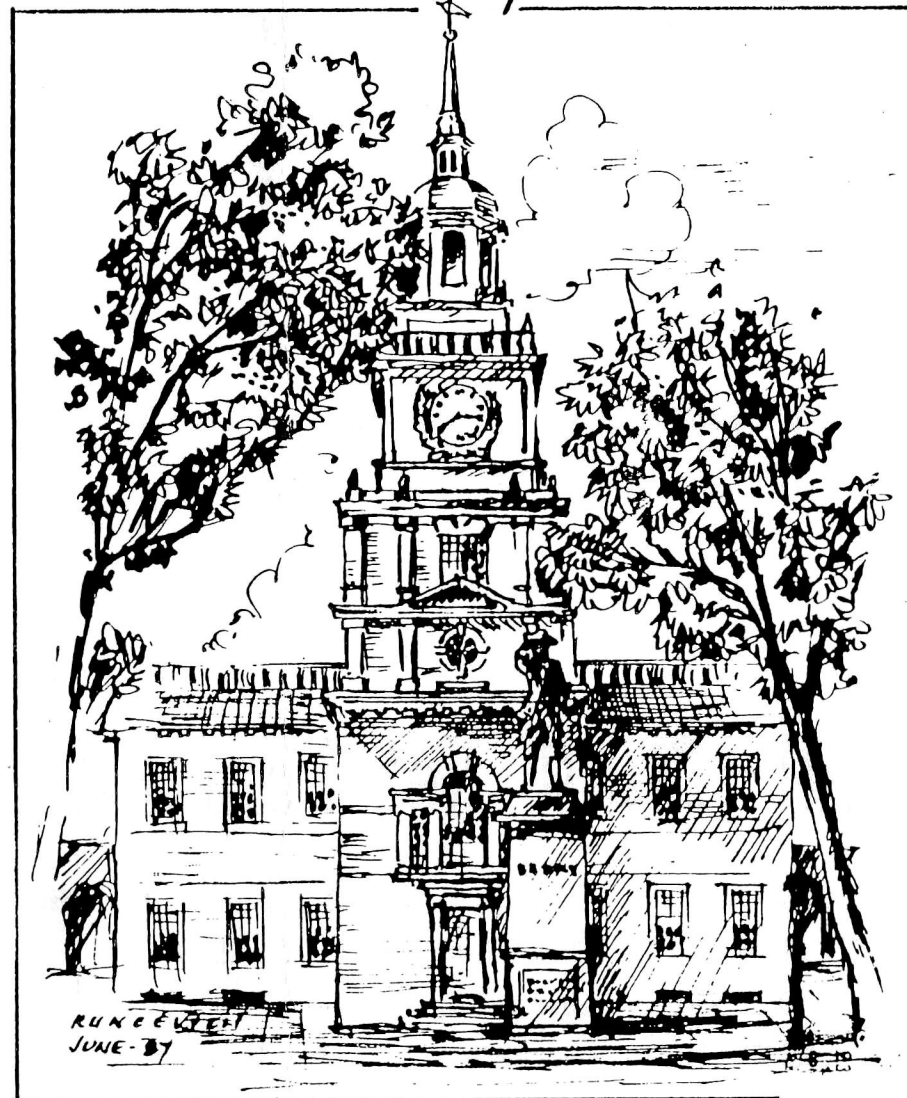


the blurb
A Philmont Mobile Radio
Club Publication
125 Keeley Avenue
New Britain, PA 18901

PHILMONT *Mobile* RADIO CLUB BLURB



September 1987



INDEPENDENCE HALL

THE BLURB

is published monthly by and for the members of The PHIL-MONT MOBILE RADIO CLUB, INC. Our purpose is to promote Amateur Radio in general, and Mobile Radio in particular. Copying and quoting is permitted with a credit line. We gladly exchange publications with other amateur radio clubs; requests should be sent to the Editor. BLURB subscriptions are available to non-members for \$6.50 addressed to the Treasurer. The club meets at 8 PM on the first non-holiday Monday of every month at The Franklin Institute, 21st Street and the Benjamin Franklin Parkway, Philadelphia. Use the rear entrance. ALL VISITORS ARE WELCOME!
Amateur Radio License Examinations - Every meeting night at 6:30 PM.

CLUB INFORMATION

Mailing Address: P.O. Box 88, Abington, PA 19001
24 Hour Information Number at W3TKQ: (215) 448-1139

STATIONS

W3QV - 147.03 Mhz. Repeater - 8200 Ridge Avenue, Philadelphia, PA - Trustee W388B
W3RQZ - 1176 Old York Road, Abington, PA - Trustee W3VVS
W3TKQ - The Franklin Institute, Philadelphia, PA - Trustee W3PWG
W3TKQ Operators: WA3AAL, Fred; N3ABS, John; K3TEF, Frank; KA3PJC, Jack; W3PWG, Rollie

OFFICERS

PRESIDENT: KA3BET, Fred Reichert, Sr.
1062 Quarry Hall Road, Fairview Village, Norristown, PA 19403
VICE PRESIDENT: WB3CHM, Bill Mescanti, 405 E. Rively Ave., Aldan, PA 19018
SECRETARY: N3EAY, Bob Ricker, P.O. Box 93, Zieglerville, PA 19492
TREASURER: KB3IV, Ed Masarsky, 15 Poe Avenue, Wyncote, PA 19095

DIRECTORS

W388B (A); K3GNM (A); AK2I (87); W3IIM (A); W3RM (87); W3VVS (88); W3ZPP (88)

BLURB STAFF

Editor: W3PST, Woody Haldeman, 125 Keeley Ave., New Britain, PA 18901
Art Work: Sam Kunceovich
Typist: W3IIN
Assistant Editors: W3IIM & WB3KOJ
Swap 'n Shop: W388B

DEADLINE: To be assured of publication in the current month, all copy MUST be in the hands of the Editor at the Bored of Directors' Meeting.

Phil-Mont Net Schedule

Sunday	Mon	Tuesday	Wednesday	Thu	Fri	Sat
09:30 147.030 MHz FM		20:00 147.030 MHz FM	20:00 147.030 MHz FM			
10:00 28.400 MHz SSB		Personalized CW	Triple B-S			
10:20 3.993 MHz SSB		Practice Net	Swap Net			
		(as available)	(closed for the summer)			

8/87

"The work that we do is the making of the flag. I am not the flag; not at all. I am but its shadow.

"I am whatever you make me; nothing more. I am your belief in yourself, your dream of what a people may become.

"I live a changing life, a life of moods and passions, of heartbreaks and tired muscles.

"Sometimes I am strong with pride, when men do an honest work, fitting the rails together truly.

"Sometimes I droop, for then purpose has gone from me, and cynically I play the coward.

"Sometimes I am loud, garish, and full of that ego that blasts judgment. But, always I am all that you hope to be and have the courage to try for.

"I am song and fear, struggle and panic, and ennobling hope. I am the day's work of the weakest man and the largest dream of the most daring.

"I am the Constitution and the courts, statutes and the statute-makers, soldier and dreadnaught, doorman and street sweep, cook, counselor, and clerk.

"I am the battle of yesterday and the mistake of tomorrow. I am the mystery of the men who do without knowing why.

"I am the clutch of an idea and the reasoned purpose of resolution.

"I am no more than what you believe me to be and I am all that you believe I can be. I am what you make me; nothing more.

"I swing before your eyes as a bright gleam of color, a symbol of yourself, the pictured suggestion of that big thing which makes this nation. My stars and my stripes are your dream and your labors. They are bright with cheer, brilliant with courage, firm with faith, because you have made them so out of your hearts; for you are the makers of the flag, and it is well that you glory in the making."

Delivered on Flag Day, 1914 before the employees of the Department of the Interior, Washington, D.C.

THE MAKERS OF THE FLAG

by Franklin K. Lane, Secretary of the Interior

This morning, as I passed into the Land Office, the Flag dropped me a most cordial salutation, and from its rippling folds I heard it say: "Good morning, Mr. Flag Maker."

"I beg your pardon, Old Glory," I said, "aren't you mistaken? I am not the President of the United States, nor a member of Congress, nor even a general in the army. I am only a government clerk."

"I greet you again, Mr. Flag Maker," replied the gay voice; "I know you well. You are the man who worked in the swelter of yesterday straightening out the tangle of that farmer's homestead in Idaho, or perhaps you found the mistake in that Indian contract in Oklahoma, or helped to clear that patent for the hopeful inventor in New York, or pushed the opening of that new ditch in Colorado, or made that mine in Illinois more safe, or brought relief to the old soldier in Wyoming. No matter; whichever one of these beneficent individuals you may happen to be, I give you greeting, Mr. Flag Maker."

I was about to pass on, when The Flag stopped me with these words:

"Yesterday the President spoke a word that made happier the future of ten million peons in Mexico; but that act looms no larger on the flag than the struggle which the boy in Georgia is making to win the Corn Club prize this summer.

"Yesterday the Congress spoke a word which will open the door of Alaska; but a mother in Michigan worked from sunrise until far into the night to give her boy an education. She, too, is making the flag.

"Yesterday we made a new law to prevent financial panics, and yesterday, maybe, a school teacher in Ohio taught his first letters to a boy who will one day write a song that will give cheer to the millions of our race. We are making the flag."

"But," I said impatiently, "these people were only working!"

Then came a great shout from The Flag:

SIMULATED EMERGENCY TEST

A simulated emergency test for Mo-Com will be conducted on Sunday, October 18, 1987. The purpose of the drill is to test the ability of Mo-Com, and its operators, to work with peak radio traffic and at the same time evaluate the emergency preparedness of The Phil-Mont Mobile Radio Club.

Mo-Com operators will be alerted at 7 AM on 147.03 repeat, where the details of the event will be announced, thus setting the wheels in motion to get the van and needed equipment to its designated location.

Once Mo-Com is in operation, operators will conduct the regular Sunday morning nets from the site, beginning at 09:30, taking checkins from any amateur radio operator on 75, 10, 6, 2, 1-1/4 m and 70 cm. Specific frequencies will be given in the October BLURB. You may use as many transmitters (eg: Base, Mobile, Hand Held) or bands as you like, and all will be counted for the record.

Active participation by everyone, whether a member of PMRC or not, will surely make this a successful exercise.

V.E TEST LOCA'IONS from EPA REEDLINE

BRYN MAWR
Bob Haase, W3SA
(215) 293-1919

CENTER CITY
Sep. 14, Oct. 5
Jake Kovalchek, AK2I
(215) 448-1139

COLMAR
Stu Silverstein, K3UEI
(215) 584-0775

LEVITTOWN
Sep. 10, Oct. 8, Nov. 5
Dave Heller, K3TX
(215) 736-3333

WARMINSTER
Tom Michaud, WA3TQJ
(215) 343-3494

PUBLIC SERVICE

Bill, W83CMM, is seeking volunteers to help with the Philadelphia Distance Run which is scheduled for September 20. Please see elsewhere in this issue.

SAMIA CORNER

AFTER 100 ISSUES OF THE BLURB...
WOODY, W3PST IS GOING TO RETIRE!!!

MAYBE!

FROM THE BLURB and..
FROM YE OLDE RAILROAD



Page 3

MINUTES July 1987 GENERAL MEETING

KA3BET opened the meeting at 8:00 pm on July 6, 1987 at the Franklin Institute.

W3VVS reported that there were 24 members and 2 guests present. He then introduced: Frank Lyonns, and Victor E. Tena-glia KD3DE. Members present were: W3s RM, UY, VVS, PWG, ZPP, AA, HNP, YLT, BBB, IIM, IIN; KB3JW; AN3N; WB2SZF; WA3s CHM, TPH; K3s G8A, TV8; KA3s BET, MHO; N3s EBE, AN, DHI, and KC2HX.

W3IIN ON MEMBERSHIP: no new membership applications have been received. Those pending will be reviewed at mid month.

KA3BET thanked those who participated in the Core States Bicycle Race. YOUR HELP was greatly appreciated!!!!!!

W3888 ON PADDLERAMA: After yet another plea for assistance, no more volunteers were assembled. Plans are finalized and everything is at the ready.

N3DHI ON MOCOM: the van was brought into service on Saturday July 4th to assist with Abington's holiday celebration. The organizing committee forwards its appreciation for the use of the van. The spare tire has found

its home under the rear of the van. Information on a 450 MHz radio will be forwarded to the Board of Directors at their meeting this month.

KA3BET ON THE SOCIAL HOT LINE: The family picnic will be on August 16th. Maps will be available.

KA3BET received a letter from David Liphow. The letter was to thank the club for the "honest and professionally given examination he received at our meeting".

KB3JW ON THE V.E. EXAMS: We had an excellent evening. We had 9 examinees: 1 advanced to Extra, 2 advanced to Technician, 1 became a Novice, 1 advanced to General, and 1 passed element 4B. He also thanked Romana KH3M, Dick W3RM, and Larry W3UY for all their great assistance with the examinations.

WB3CHM introduced the film we saw this evening, "Inside Limerick" as provided by Philadelphia Electric Company.

The meeting was adjourned at 9:12 P.M.

Respectfully Submitted:
N3EAY, Recording Secretary.

MINUTES July 1987 DIRECTORS' MEETING

KA3BET opened the meeting at 8:00 P.M. on July 15, 1987 at the home of KA3BET/N3EBE. Those in attendance were: W3s: AA, IIN, IIM, BBB, VVS, IRS, YHV; K3s: GNM, PHC; KA3BET; KB3s: JW, IV; N3s: EBE, DHI, EAY.

KB3IV ON THE MONEY: gave the treasurer's report which was approved as read.

W3IIN ON MEMBERSHIP: One membership application will be published in the BLURB this month. On another subject ... within the current parameters of the bylaws, it is probable that a new member may end up waiting 90 days to get into the club. This seems to be too long a time for someone to

wait. After a long discussion on the "window of opportunity," it was decided to preserve our sequence of initiation.

W3IIN BY THE BYLAWS: An oversight was pointed out. Since our current changes in the Bylaws, no one has retyped a master copy. W3IIN volunteered to retype the Bylaws including all the updates. The Directors approved this action, and thanked Jinny for volunteering.

K3PHC FOR D.V.C.A.R.C.: We are still in need of operators for We The People 200 operations.

MO-COM VIA N3DHI: It was suggested that the TRAINED OPERATORS team up with another operator to

AMATEUR RADIO NEWS RELEASE

THE AMERICAN RADIO RELAY LEAGUE, INC. ■ 225 MAIN STREET, NEWINGTON, CT 06111

FOR IMMEDIATE RELEASE

Contact Carol Halstead, 212/734-2190
July 24, 1987

Ham Radio Video Premieres September 20

Get your satellite receiver and VCR ready for the world premiere of a new videotape, *The New World of Amateur Radio*. The one-hour program will be uplinked at 6:00 p.m. EDT September 20 on GTE Spacenet 1, Transponder 12B. On most home satellite receivers the show will be on Channel 23. Audio will be stereo/compatible monaural with subcarriers listed on-screen just prior to the start of the show, so tune in early.

The complete program includes a 10-minute introduction, the 28-1/2-minute main presentation entitled *The New World of Amateur Radio*, followed by some special related material.

Presented in a fast-paced TV magazine format, the show portrays the excitement and person-to-person contact that only ham radio can provide. The ARRL, which helped produce the show, expects it to be an outstanding recruitment tool.

Viewers will meet Joe Fairclough, WB2JKJ, New York City teacher whose junior high class--"The Crew at 22"--learn vocabulary in Morse code. Ham instructor Gordon West, WB6NOA, is shown conducting a code class the way Seiji Ozawa conducts the Boston Symphony Orchestra. Astronaut Tony England, W6ORE, the first ham to send pictures via Amateur Radio to and from space, walks the viewer into the future of ham radio while inside NASA's new space station simulator in Houston. And there's footage of

fox-hunters in China, hams Dick Rutan and Jeana Yeager, who made aviation history aboard the *Voyager*, a DXpedition to Heard Island and inside looks at the 1987 Dayton HamVention and an ARRL Board of Directors meeting.

The League produced the videotape in cooperation with Kenwood, ICOM and Yaesu. It was put together under the guiding hand of Roy Neal, K6DUE, the former NBC News Science Editor who is best known for his coverage of the manned space program. Frosty Oden, N6ENV, a videotape editor for CBS-TV in Hollywood, served as Producer and Editor, while Bill Pasternak, WA6ITP, a broadcast engineer with Fox Television in Los Angeles, was Associate Producer and Technical Supervisor. Principal cameraman was George Barker, NALP, a news photographer for WVTB-TV in Hartford. The original score was written and performed by John Tesh, co-anchor of "Entertainment Tonight."

ARRL is encouraging extensive use of the video to introduce ham radio to groups of all ages and backgrounds. It is available on the September 20 satellite feed and on a free-loan basis to all ARRL-affiliated clubs and other interested organizations. Copies of the 28-1/2-minute video may be ordered by individuals and organizations for their own use for \$20.00 prepaid from ARRL, Box NW, 225 Main Street, Newington, CT 06111.

lator of the transmitter along with a signal from the push-to-talk circuit. The audio line carries the sub-audible tone from the generator in the tone module so it can modulate the transmit carrier.

Many radios have a separate input for tone, usually after the speech processor. The purpose of this is so that the tone is not subject to normal pre-emphasis in the speech circuit of the transmitter which would result in possible distortion and circuit loading problems. Having a good clean tone is essential to achieve reliable operation.

The typical deviation of the tone with no speech applied is about 500 HZ. An important consideration is that the tone deviation is additive to normal maximum deviation. So if we already have a transmitter at a full 5kc of deviation, adding another 500 HZ would put us over the maximum permissible level. A good practice is to set maximum speech to 4 kc and along with the tone that would put the total at 4.5 kHz. Remember, more is not always better.

The purpose of the push-to-talk sense is to tell the deck or module to shift to encode or transmit position. This is usually found on modules which decode and encode. These modules usually use a common audio oscillator for both functions, and the sense line will enable the module to route the oscillating signal for the correct mode of operation. Again, some modules may not use a push-to-talk sense. This line can usually be placed in parallel with the mike push-to-talk switch.

Setting the correct tone frequency on dip-switch modules is easy with the chart supplied; the pot-tuned types usually require a frequency counter.

Our repeater (K3SSC Delmont R.C.) is set up to transmit and decode tone, if necessary, on a frequency of 162.2 HZ. The transmit tone is always present, while the decoder on its receiver may be enabled at will.

Those of us who are getting dual-band radios will find that many of the UHF repeaters are using tone squelch in order for them to be activated. One nice feature is that most of these repeaters use the same tone frequency of 131.8.

I hope this clears up some mysteries regarding the terminology we hear on the airwaves. The terms PL, CG, QC, tone, sub-tone, and CTCSS are all synonymous and not really mysteries at all.

Glossary of Terms		
PL (Motorola)	Private Line	
CG (GE)	Channel Guard	
QC (RCA)	Quiet Channel	
CTCSS (All)	Continuous Tone Coded Squelch Systems.	

NEW MEMBER APPLICATIONS

NAME: Joann Smith
HANDLE: Joann
CALL: KA3RKQ
ADDRESS: 4638 Oakland St
Phila., PA. 19124
HOME PHONE: 215-535-8061
BUSINESS: 215-334-8888
OCCUPATION: Dental Lab Tech

assist in the operation of the van. Rick also stated that the possibility exists to relocate the van to the Abington Highway Garage for security purposes. This poses a problem as access to the van will be extremely limited, and may actually be impossible on short notice. This obviously would pose a problem in an emergency. Rick then asked if the club still thought there was a need for a 450 MHz rig in the van. After a brief discussion on emergency communications on the currently available frequencies, it was decided we do. Rick then offered a Kenwood TM401A that he had acquired for the club to the club for \$220.00. After extended discussion, W3888 motioned that the club purchase the TM401A with funds from the contingency fund. N3EAY seconded the motion. The vote was unanimous in favor of the purchase. N3DHI then reported that following the installation of the TM401A, all the proposed work on the van will be completed. Rick also pointed out that the Sears Generator that was purchased for the van began to fail two years ago and has lost ground ever since. During the past two years, the club has enjoyed the generosity of W3888 through the use of his generator. W3888 suggested that we get the generator repaired, sell it, and purchase a better one. After some discussion, this was agreed upon, and Jim will handle the task of getting the generator repaired.

K83JW ON THE BALL: Opportunity, rarely missed by Ray, was taken to thank Rick, and commend him for the fine job he has done with the van, and the training program for the operators. Thanks for a great job!!!

W3IRS suggested that we make a notation on the club directory indicating trained MO-COM operators. All present agreed.

CONTROL OF THE NETS: W3AA brought to the attention of the Directors the dwindling control of the Sunday Nets. Action is being taken to re-coordinate this schedule. Volunteers are needed. N3EAY brought up the fact

that help and interest is dwindling on the Swap- After a lot of discussion, it was decided that it would be in the best interest to shut down the Swap Net for the duration of the summer until after the hamfests are over. This brought us to the our reopening date October 7, 1987 at 8:00 PM. As always, volunteers will be needed to run the net. Hope to hear from you.

The meeting was adjourned at 9:40 P.M..

Respectfully submitted:
N3EAY, Recording Secretary

MINUTES August 1987 GENERAL MEETING

KA38ET opened the meeting at 8:00 pm on August 3, 1987 at the Franklin Institute.

K83IV gave the treasurer's report which was approved as read.

W3VVS reported that there were 21 members and 3 guests present. He then introduced: Bobby Johnston (XYL K3VXU), Joann Smith KA3RKQ, and Colin Boden W83CZP. Members present were: KA3s: BET, AMO, MHO; K83s: IV, JW; W83CMM; W3s: 888, IIN, IIM, PWG, IRS; N3s: DHI, EAY, EBE; KC2HX; K3s: PHC, VXU, TYB; W82SZF; WA3THP, and AK2I.

W3IIN announced that we have two new members to be voted on at midmonth.

K3PHC on We the People... unfortunately this went rather poorly. Apparently Suburban Radio Club's van became disabled and could not be used as the station. This resulted in the event being canceled after considering the alternates.

N3EAY read the minutes of the July General Meeting and the July Directors' Meeting. All minutes were approved as read.

W3PWG announced that the club's radio station, W3IKQ, at the Franklin Institute, will be getting a new Commodore Computer with peripherals to add to the station's ambience.

W3888 stated that we were able to rebuild the controller on

the Spectcom Repeater to adapt it to the new controller, and to stand alone if necessary. The

Standard repeater is now up for sale. We are currently operating the RCA repeater at 60% of its maximum output (100 watts), and see no reason to increase this at this time. This has doubled the 30 watt output of the Spectcom. The next endeavor will be to look further into the possibilities of off-site receivers.

N3DHI took this opportunity to present KA3BEI, on behalf of the club, with a beautiful plaque from the Boy Scouts of America. This is in appreciation for our services with regards to Paddlerama. The plaque will be mounted in a prestigious position in MO-COM.

N3DHI further reported that the 450 MHZ rig is installed and working in the van. He also announced that there will be a meeting of MO-COM OPERATORS in the fall. We are in the process of locating yellow jumpsuits for the operators.

KA3BEI reminded all present that the annual picnic will be August 16.

AK2I was pleased, tickled and delighted to announce that there were 15 examinees this evening, and they achieved an 87% passing rate. Congratulations to all.

WB3CHM announced the program for this evening.

The meeting was adjourned at 8:55 P.M.

Respectfully Submitted:
N3EAY, Recording Secretary.

-tone coded SQUELCH SYSTEMS

WA3UTI, Dan Halgash

Most people are familiar with the terms "PL", Channel Guard, and Quiet Channel, with reference to radio repeater systems. These manufacturer trade names refer to a specific type of squelch system used extensively in business radio systems and a number of amateur repeaters as well. As time goes on we will find more use of tone squelch on the amateur repeaters to eliminate interference that is becoming more prevalent, especially on two meters.

Normally, when we transmit with our radio, we send an RF carrier along with any speech or intelligence we wish to transmit. When a radio is equipped with tone we transmit a low frequency continuous tone ranging in frequency from 67 to 240 HZ along with any speech that is sent.

A special decoder in the receiver of the receiving station unsquelches the receiver upon receipt of the correct tone frequency. Essentially, the receiver will not respond to any RF carrier unless the correct tone frequency is also received. This makes listening to a repeater channel with strong co-channel user possible without hearing all the traffic from a distant city.

Adding tone squelch to most modern transceivers is not a very complicated job. The biggest headache is usually finding room inside the unit for mounting the module. Basically, the unit will be placed in series with the audio path of the receiver, this usually is between the receiver discriminator and the first audio stage. The purpose of doing it this way is to remove the continuous tone from the transmitting station which will manifest itself as a rather annoying frequency tone similar to a power supply

hum. Essentially what the tone module does is attenuate audio frequencies below 300 HZ to a point where it is at an acceptable level for the listening station.

Radios not equipped with tone attenuation may or may not reproduce the tone depending on the individual audio characteristics of the unit. Also, some form of disabling the tone squelch should be installed so that if the user wishes he may listen to all traffic on the channel.

In the professional radio systems using tone squelch, as soon as the microphone is taken off its hanger a little switch on the rear of the mike is engaged, causing the unit to go to standard squelch so the user may monitor the channel before he transmits. Remember, that while on tone squelch, you hear only units transmitting with the particular tone frequency which you are tuned to, and it is entirely possible that someone else may be using the channel who is not transmitting tone or is using another tone frequency.

Tone modules may be purchased in a variety of configurations, some which only generate tone for transmit, some which only decode and some which will do both. Also, some units are tunable with a pot, while others use a binary switch which selects the tone frequency the user wishes. When selecting a type of tone module it would be wise to consider physical space and operating convenience as the criteria.

So far I have talked about the decoding of tone from a transmitting station. Should one wish to access a repeater that requires tone, the process is again fairly simple. If a radio that is not already equipped for tone and the module we purchase is capable of encoding then all we need is an audio line to the modu-



APPLE BYTES...

SEPTEMBER BIRTHDAYS

01-THOMAS T. CASSIDY - KA3FVJ
03-MARIAN FOX - WA3YJR
06-LEONARD N. KOVNAT - WB3JUA
08-ALLEN F. EUBECK - K3GNM
15-ROBERT K. FREER - W3YLT
20-JOHN SPRATT - N3ALW
21-HAROLD FOX - W3AA
23-JOSEPH GRADY - W3FVW
-SHELLY KLEIN - K3QNX (XYL W3WXC)
26-PAUL LANE IVES, JR. - W3SMA
27-LOUIS DiBENEDETTO - K3BJS
28-MILLIE RULLI (XYL WB2WOM)

TIME TO RENEW

WA3PD ... IT'S TIME TO FILL OUT A 610 FORM FOR THE FCC.

HELP PHIL-MONT

ARE YOU PLANNING TO JOIN ARRL OR RENEW YOUR CURRENT MEMBERSHIP? HELP PHIL-MONT BY JOINING OR RENEWING THROUGH THE CLUB...CONTACT KB3IV FOR THE DETAILS.

....DE WB3KOJ

Dear Phil-Mont,

1/7/87

Just a quick note to thank those involved with the VE testing at the Franklin Institute. Last night I took and passed my Novice exam, and while I'm sure most "first timers" are nervous, the fact that I am legally blind had me very scared to say the least. My fears were groundless, as everyone was very kind and helpful and made what could have been a rotten evening a very pleasant one indeed.

I hope to get back real soon and try for Tech.

TNX 73 - Steve Forst, Clifton Heights, PA

HAMFESTS

We will print an ongoing schedule of Hamfests based on information received. Please help us keep our list current. If you don't see your favorite event listed here, it's because YOU didn't send it to W3IIM prior to the BLURB deadline!

* UPDATE *

SEP 14 General Meeting Program: DREW STEWART, N3AEX, TV Channel 29 Engineer
- - - AND - - -
A Special Award to be presented. DONT MISS IT!

Sep 20 SOUTH JERSEY RADIO ASSN. Pennsauken Senior High School, Rt. 73 and Remington Ave. 08:00-14:00 W2EKB 145.29

Sep 16 Mid-Month at W3PWG's
Sep 20 Phila. Distance Run

Sep 26-27 YORK HAMFEST Fairgrounds, Rt. 74, York, PA 37/97, 52 simplex

OCT 5 General Meeting Program: To be announced
Oct 14 Mid-Month at K3PHC's
Oct 18 Simulated Emergency Test

Oct 11 PACK RATS' HAMARAMA Bucks County Drive-in, Rt. 611, Warrington 06:00-??:?? WB3DNI

NOV 2 General Meeting Program: (Old Timer's Night?) WEATHER-FAX presented by BUD PENNINGTON, K3NHF

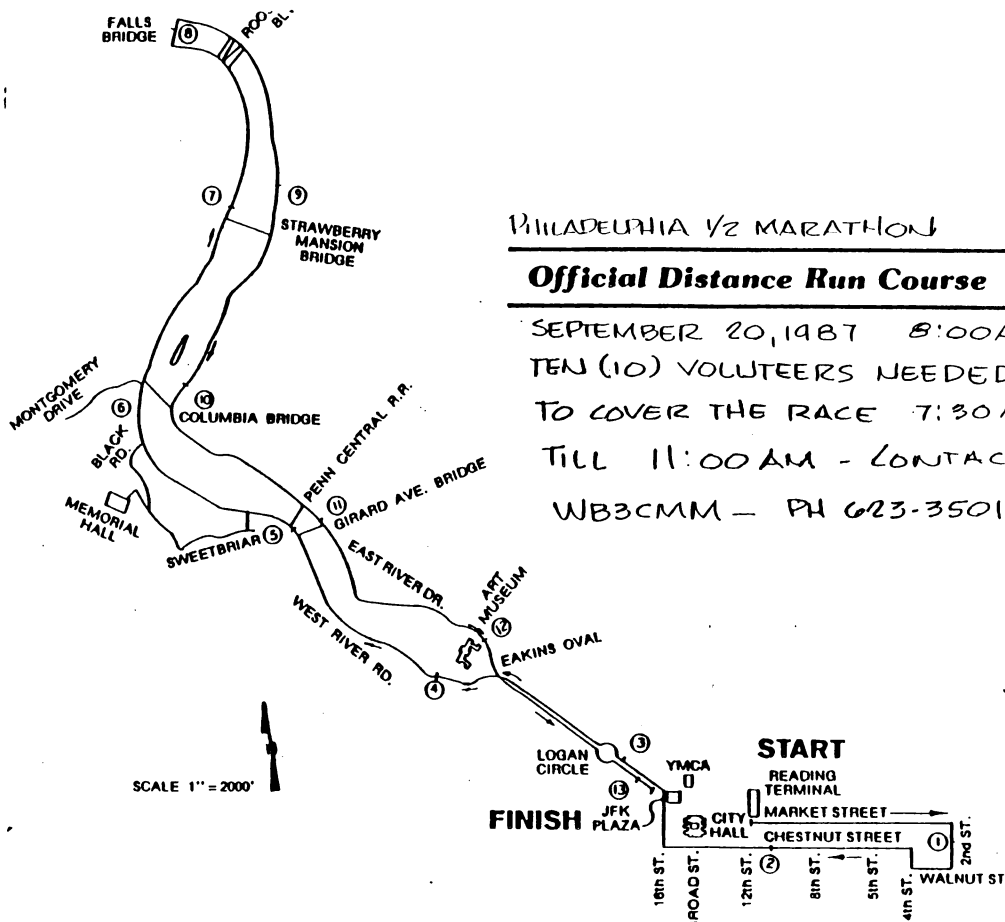
Nov 18 Mid-Month at AK2I's

KA3MHO GRADUATES

Congratulations to Bob who recently graduated from a long, 18 month electronics course at RETS in Broomall. Great work, BOB! Hope to see more of you at the meetings now that you'll have all that time on your hands!

DEC 2 General Meeting: ELECTIONS

Dec 16 Mid-Month at W3ZPP's



Phil-Mont Calendar

1987

SEPTEMBER

1987

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1 CODE PRACTICE NET as available	2 SWAP NET begins Oct 7	3	4	5
6 2m NCS WB3CMM 10m NCS W3KDO 75m NCS W3PWG	7 <i>Labor Day</i>	8 CODE PRACTICE NET	9	10	11	12
13 2m NCS W3ZPP 10m NCS WB3KAC 75m NCS W3AOA <i>Grandparent's Day</i>	14 GENERAL MEETING & LICENSE EXAMS (AK2I)	15 CODE PRACTICE NET	16 DIRECTORS' MEETING at W3PWG's	17	18	19
20 2m NCS KB3JW 10m NCS 75m NCS W3RCE	21	22 CODE PRACTICE NET	23	24 <i>Rosh Hashanah</i>	25	26
27 2m NCS W3AA 10m NCS KB3QE 75m NCS AK2I	28	29 CODE PRACTICE NET	30			